

Sheet 1 of 15

10

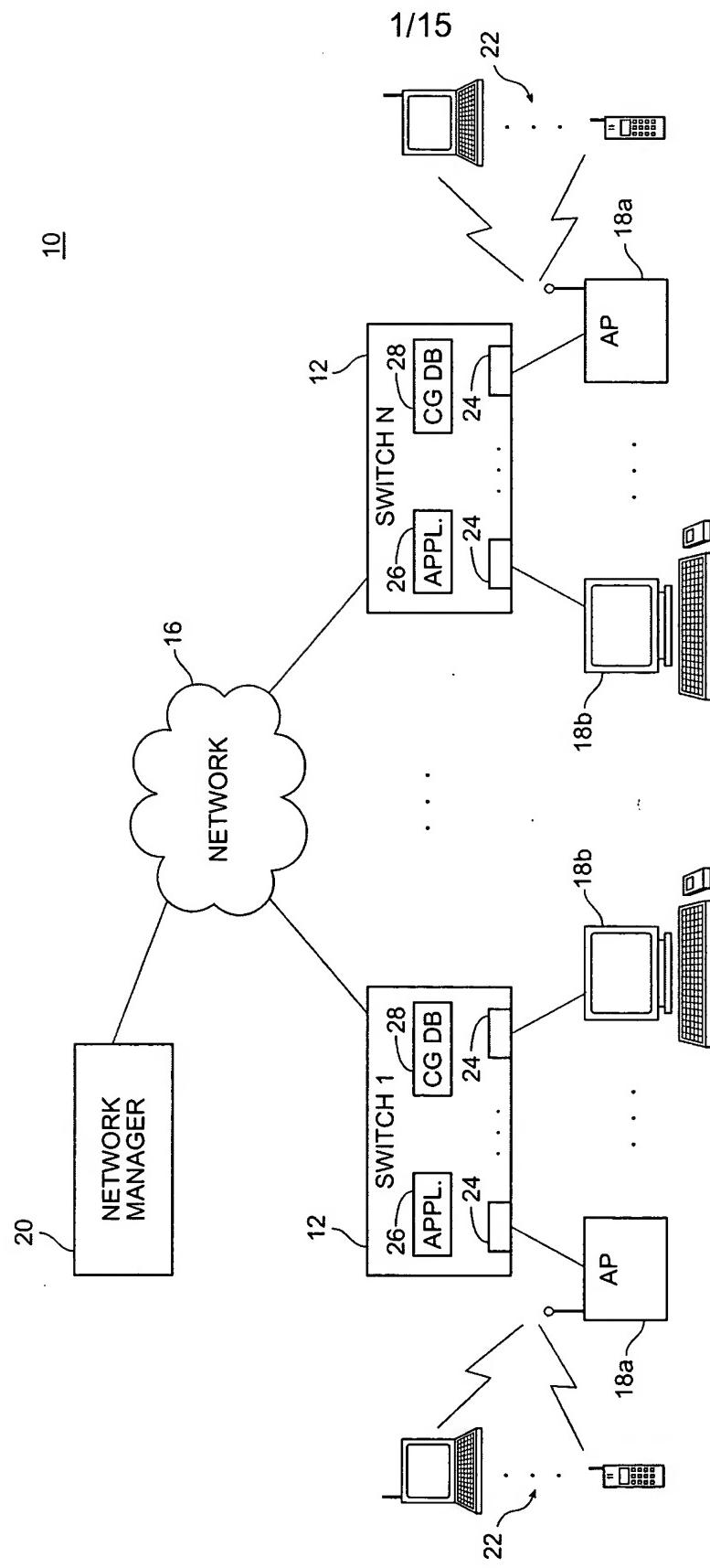


FIG. 1

2/15

12

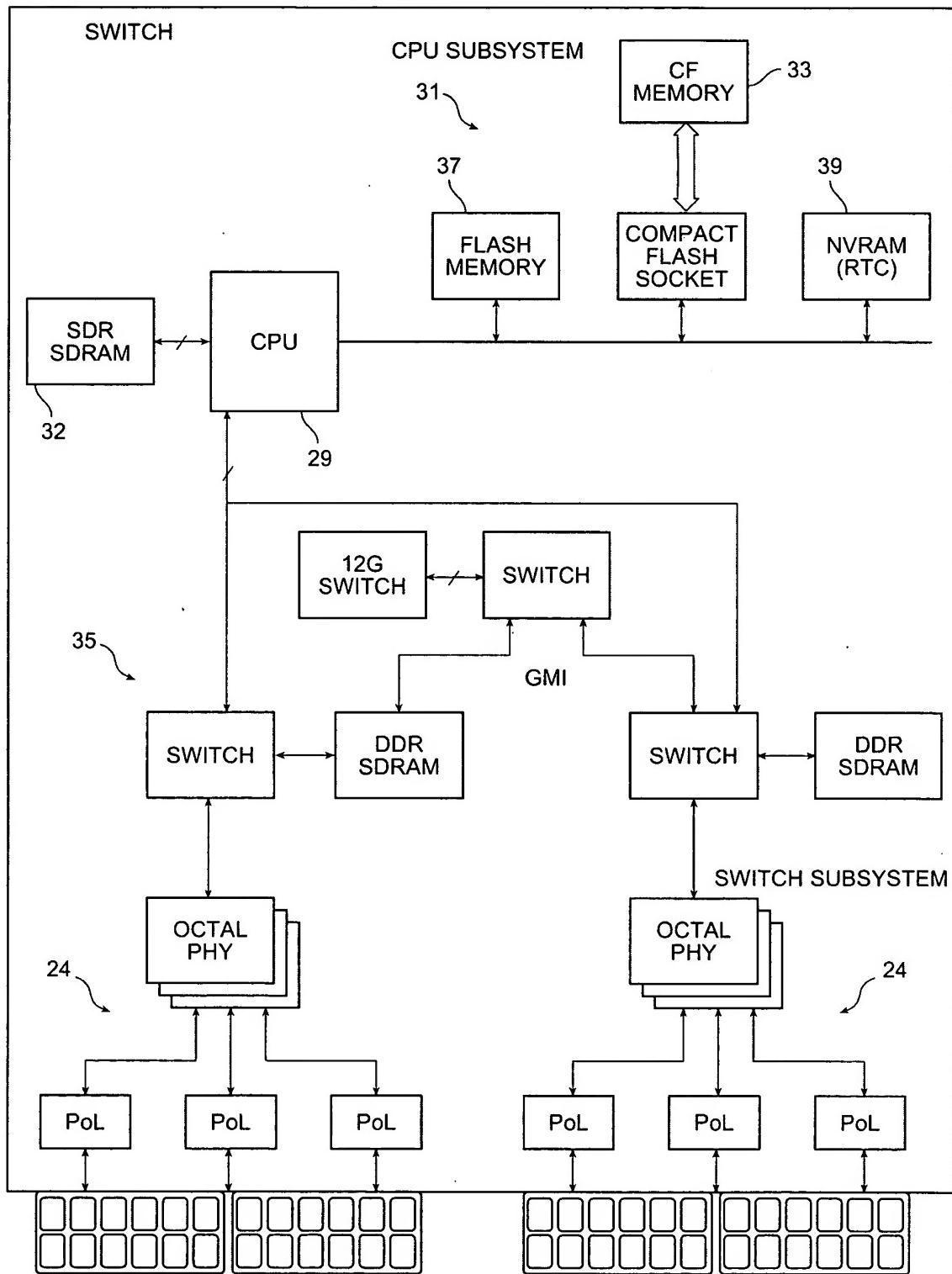


FIG. 2

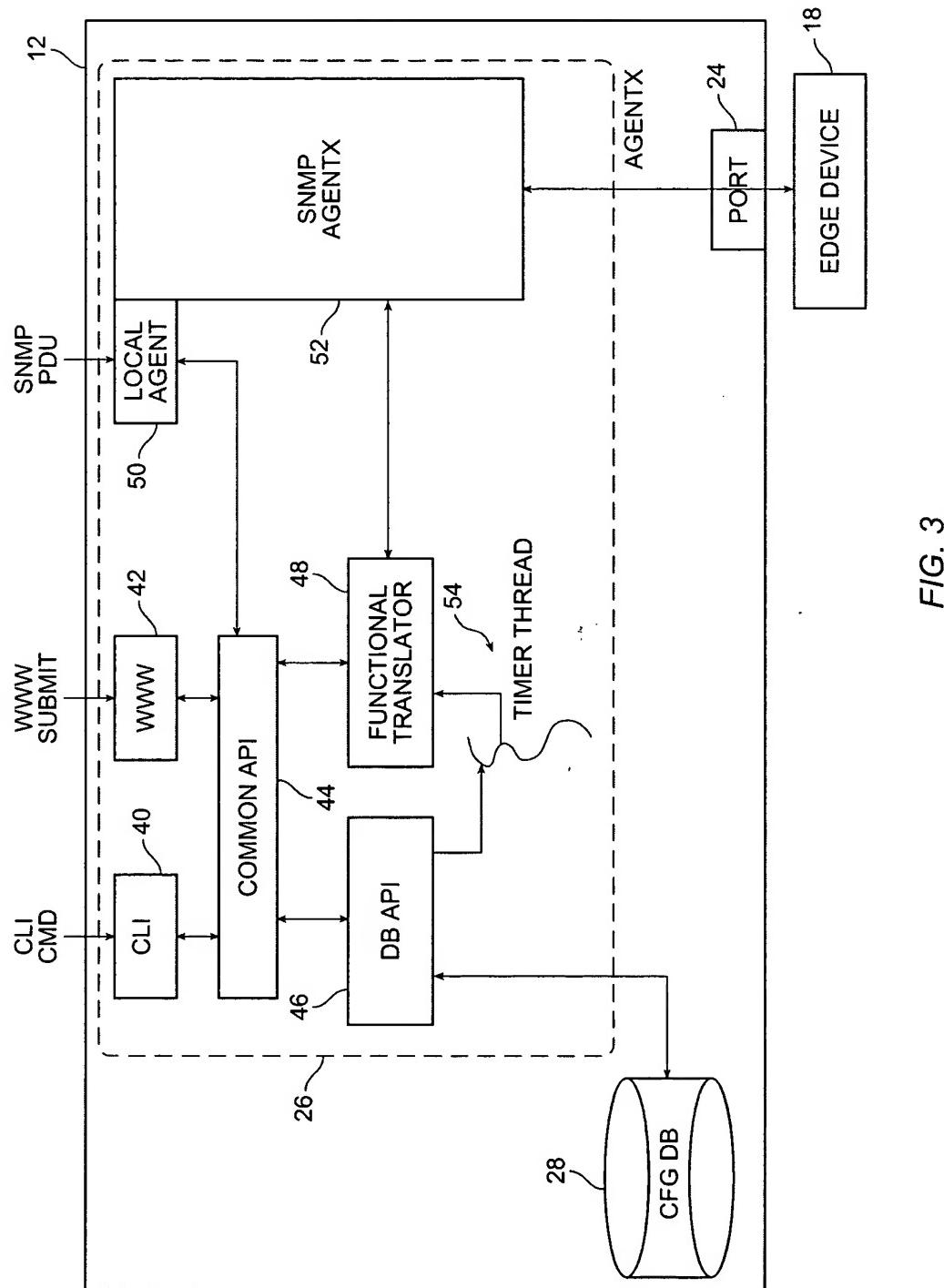


FIG. 3

4/15

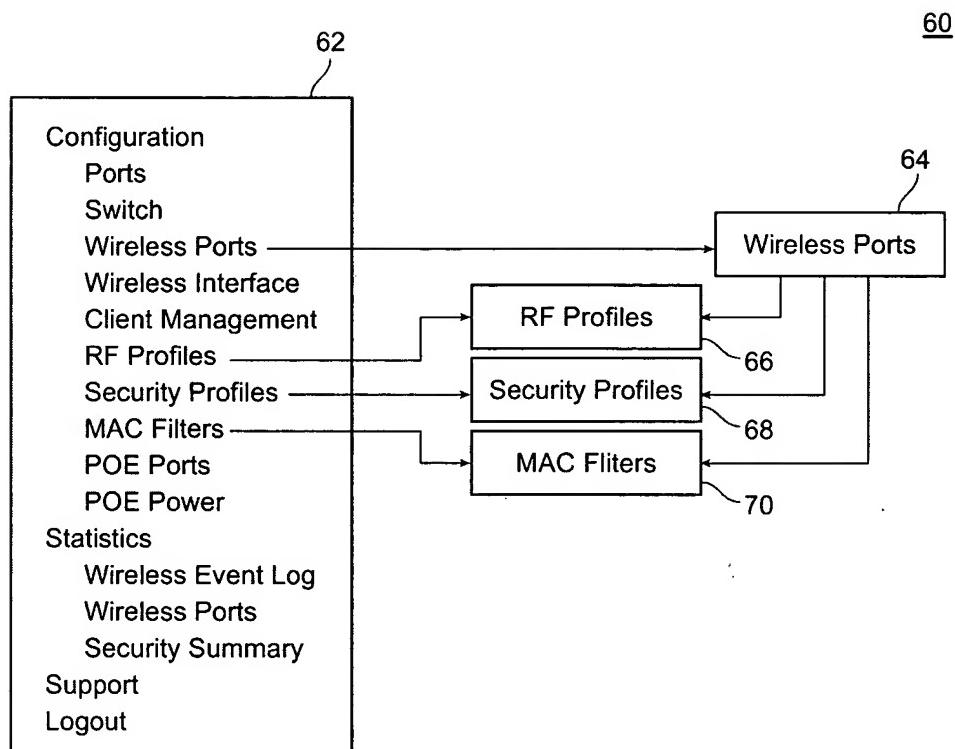


FIG. 4

5/15

64

Wireless Port Configuration									
Port Number	Hardware Version	Serial Number	Status	IP Address	Location	Timeout	Health Check	Bridging	MAC Address
1:1	-	-	DIS	192.168.0.100	Location Unknown	600	on	on	00:00:00:00:00:00
1:2	-	-	DIS	192.168.0.101	Location Unknown	600	on	on	00:00:00:00:00:00
1:3	-	-	DIS	192.168.0.102	Location Unknown	600	on	on	00:00:00:00:00:00
1:4	-	-	EN	10.211.32.116	Location Unknown	600	on	on	00:00:00:00:00:00
1:5	-	-	DIS	192.168.0.104	Location Unknown	600	on	on	00:00:00:00:00:00
1:6	-	-	DIS	192.168.0.105	Location Unknown	600	on	on	00:00:00:00:00:00
1:7	-	-	DIS	192.168.0.106	Location Unknown	600	on	on	00:00:00:00:00:00
1:8	-	-	DIS	192.168.0.107	Location Unknown	600	on	on	00:00:00:00:00:00
•	•	•							
1:48	-	-	DIS	192.168.0.147	Location Unknown	600	on	on	00:00:00:00:00:00

Configure Wireless Port Parameters 65

Port Name

IP Address	Location	Timeout	Health Check	Bridging
192.168.0.100	Unknown Location	600	on	on

Manage Wireless Port 67

Port Number	Management Action
<input type="text" value="1.1"/>	<input type="radio"/> Reset <input type="radio"/> Enable <input type="radio"/> Disable <input type="radio"/> Clear Counter <input type="radio"/> Clear Logs

FIG. 5

+

6/15

66

<p>Configuration</p> <ul style="list-style-type: none"><input type="radio"/> <u>IP Forwarding</u><input type="radio"/> <u>Ports</u><input type="radio"/> <u>Quality of Service</u><input type="radio"/> <u>SNMP</u><input type="radio"/> <u>Spanning Tree</u><input type="radio"/> <u>RADIUS</u><input type="radio"/> <u>Wireless Port</u><input type="radio"/> <u>Wireless Interface</u>•••<input type="radio"/> <u>Spanning Tree</u><input type="radio"/> <u>RADIUS</u><input type="radio"/> <u>Wireless Port</u><input type="radio"/> <u>Wireless Interface</u><input type="radio"/> <u>Security Profile</u><input type="radio"/> <u>RF Profile</u><input type="radio"/> <u>POE Ports</u><input type="radio"/> <u>POE Power</u><input type="radio"/> <u>Switch</u><input type="radio"/> <u>User Accounts</u><input type="radio"/> <u>Virtual LAN</u><input type="radio"/> <u>Statistics</u><input type="radio"/> <u>Support</u><input type="radio"/> <u>Logout</u>	<p>RF Profile</p> <p>Create Profile <input type="text"/> From <input type="text" value="DEFAULT_BG"/> <input type="button" value="Create"/></p> <p>Delete Profile <input type="text" value="DEFAULT_G"/> <input type="button" value="Delete"/></p> <p>Configure RF Profile</p> <p>Profile Name <input type="text" value="DEFAULT_A"/> <input type="button" value="Get"/></p> <p>Current Interfaces 1:1:1, 1:2:1, 1:3:1, 1:4:1, 1:5:1, 1:6:1, 1:7:1, 1:8:1, 1:9:1, 1:10:1, 1:11:1, 1:12:1, 1:13:1, 1:14:1, 1:15:1, 1:16:1, 1:17:1, 1:18:1, 1:19:1, 1:20:1, 1:21:1, 1:22:1, 1:23:1, 1:24:1, 1:25:1, 1:26:1, 1:27:1, 1:28:1, 1:29:1, 1:30:1, 1:31:1, 1:32:1, 1:33:1, 1:34:1, 1:35:1, 1:36:1, 1:37:1, 1:38:1, 1:39:1, 1:40:1, 1:41:1, 1:42:1, 1:43:1, 1:43:2, 1:44:1, 1:45:1, 1:46:1, 1:47:1, 1:48:1</p> <p>Maximum No. of Clients <input type="text" value="64"/></p> <p>Mode A</p> <p>ESS Name <input type="text" value="DEFAULT_ESS"/></p> <p>Beacon Interval <input type="text" value="40"/> Kusec</p> <p>DTIM <input type="text" value="2"/> packets</p> <p>Fragmentation Length <input type="text" value="2345"/> bytes</p> <p>RTS Threshold <input type="text" value="2330"/> bytes</p> <p>Preamble <input checked="" type="radio"/> short <input type="radio"/> long</p> <p>Short Retry <input type="text" value="4"/></p> <p>Long Retry <input type="text" value="7"/></p> <p style="text-align: right;"><input type="button" value="Submit"/></p>
--	---

FIG. 6

7/15

68

<p>Configuration</p> <p><input type="radio"/> IP Forwarding</p> <p><input type="radio"/> Ports</p> <p><input type="radio"/> Quality of Service</p> <p><input type="radio"/> SNMP</p> <p><input type="radio"/> Spanning Tree</p> <p><input type="radio"/> RADIUS</p> <p><input type="radio"/> Wireless Port</p> <p><input type="radio"/> Wireless Interface</p> <p>.</p> <p>.</p> <p>.</p> <p><input type="radio"/> Spanning Tree</p> <p><input type="radio"/> RADIUS</p> <p><input type="radio"/> Wireless Port</p> <p><input type="radio"/> Wireless Interface</p> <p><input type="radio"/> Security Profile</p> <p><input type="radio"/> RF Profile</p> <p><input type="radio"/> POE Ports</p> <p><input type="radio"/> POE Power</p> <p><input type="radio"/> Switch</p> <p><input type="radio"/> User Accounts</p> <p><input type="radio"/> Virtual LAN</p> <p><input type="radio"/> Statistics</p> <p><input type="radio"/> Support</p> <p><input type="radio"/> Logout</p>	<h3>Security Profile</h3> <p>Create Profile <input type="text"/> From <input type="button" value="Unsecure"/> <input type="button" value="Create"/></p> <p>Delete Profile <input type="button" value="dot1x-sec"/> <input type="button" value="Delete"/></p> <h3>Configure Security Profile</h3> <p>Profile Name <input type="button" value="Unsecure"/> <input type="button" value="Get"/></p> <p>Current Interfaces 1:1:1, 1:1:2, 1:2:1, 1:2:2, 1:3:1, 1:3:2, 1:4:1, 1:5:1, 1:5:2, 1:6:1, 1:6:2, 1:7:1, 1:7:2, 1:8:1, 1:8:2, 1:9:1, 1:9:2, 1:10:1, 1:10:2, 1:11:1, 1:11:2, 1:12:1, 1:12:2, 1:13:1, 1:13:2, 1:14:1, 1:14:2, 1:15:1, 1:14:2, 1:16:1, 1:16:2, 1:17:1, 1:17:2, 1:18:1, 1:18:2, 1:19:1, 1:19:2, 1:20:1, 1:20:2, 1:21:1, 1:21:2, 1:22:1, 1:22:2, 1:23:1, 1:23:2, 1:24:1, 1:24:2, 1:25:1, 1:25:2, 1:26:1, 1:26:2, 1:27:1, 1:27:2, 1:28:1, 1:28:2, 1:29:1, 1:29:2, 1:30:1, 1:30:2, 1:31:1, 1:31:2, 1:32:1, 1:32:2, 1:33:1, 1:33:2, 1:34:1, 1:34:2, 1:35:1, 1:35:2, 1:36:1, 1:36:2, 1:37:1, 1:37:2, 1:38:1, 1:38:2, 1:39:1, 1:39:2, 1:40:1, 1:40:2, 1:41:1, 1:41:2, 1:42:1, 1:42:2, 1:43:1, 1:43:2, 1:44:1, 1:44:2, 1:45:1, 1:45:2, 1:46:1, 1:46:2, 1:47:1, 1:47:2, 1:48:1, 1:48:2</p> <p>SSID In Beacon <input type="button" value="on"/> <input type="button" value="off"/></p> <p>Encryption Length <input type="button" value="128"/> <input type="button" value="64"/></p> <p>Web Netlogin <input type="button" value="off"/> <input type="button" value="on"/></p> <h3>Configure WEP</h3> <p>WEP Authentication <input type="button" value="off"/> <input type="button" value="on"/></p> <p>WEP VLAN <input type="button" value="Default"/> <input type="button" value="Custom"/></p> <h3>Configure WEP Keys</h3> <p>Dot1x Authentication <input type="button" value="none"/> <input type="button" value="WPA2"/></p> <p>Dot1x Authentication Suite <input checked="" type="radio"/> 802.1X EAP</p> <p><input type="radio"/> Pre-Shared Key</p> <p><input type="radio"/> Key <input type="text"/></p> <p><input type="radio"/> Password <input type="text"/></p> <p>VLAN <input type="button" value="1"/> <input type="button" value="2"/> <input type="button" value="3"/> <input type="button" value="4"/> <input type="button" value="5"/> <input type="button" value="6"/> <input type="button" value="7"/> <input type="button" value="8"/> <input type="button" value="9"/> <input type="button" value="10"/> <input type="button" value="11"/> <input type="button" value="12"/> <input type="button" value="13"/> <input type="button" value="14"/> <input type="button" value="15"/> <input type="button" value="16"/> <input type="button" value="17"/> <input type="button" value="18"/> <input type="button" value="19"/> <input type="button" value="20"/></p> <h3>Configure Dot1x</h3> <p>Multicast Cypher <input type="button" value="WEP"/> <input type="button" value="WPA2"/></p> <p>Reauth Period <input type="text" value="3600"/></p> <p>Group Update Timer <input type="text" value="15"/></p> <p>Pairwise Update Timer <input type="text" value="15"/></p> <p><input type="button" value="Submit"/></p>
---	---

FIG. 7

8/15

70

MAC Filter Management

Create MAC Filter

Delete MAC Filter

Set Default Filter Action Permit Deny

Configure MAC Filter

Configure MAC Filter

Learned	Action	Managed
<input type="text"/>	<input type="button" value="Add Permit →"/>	<input type="text"/>
<input type="text"/>	<input type="button" value="Add Deny →"/>	<input type="text"/>
MAC <input type="text"/>		<input type="button" value="← Remove"/>

FIG. 8

9/15

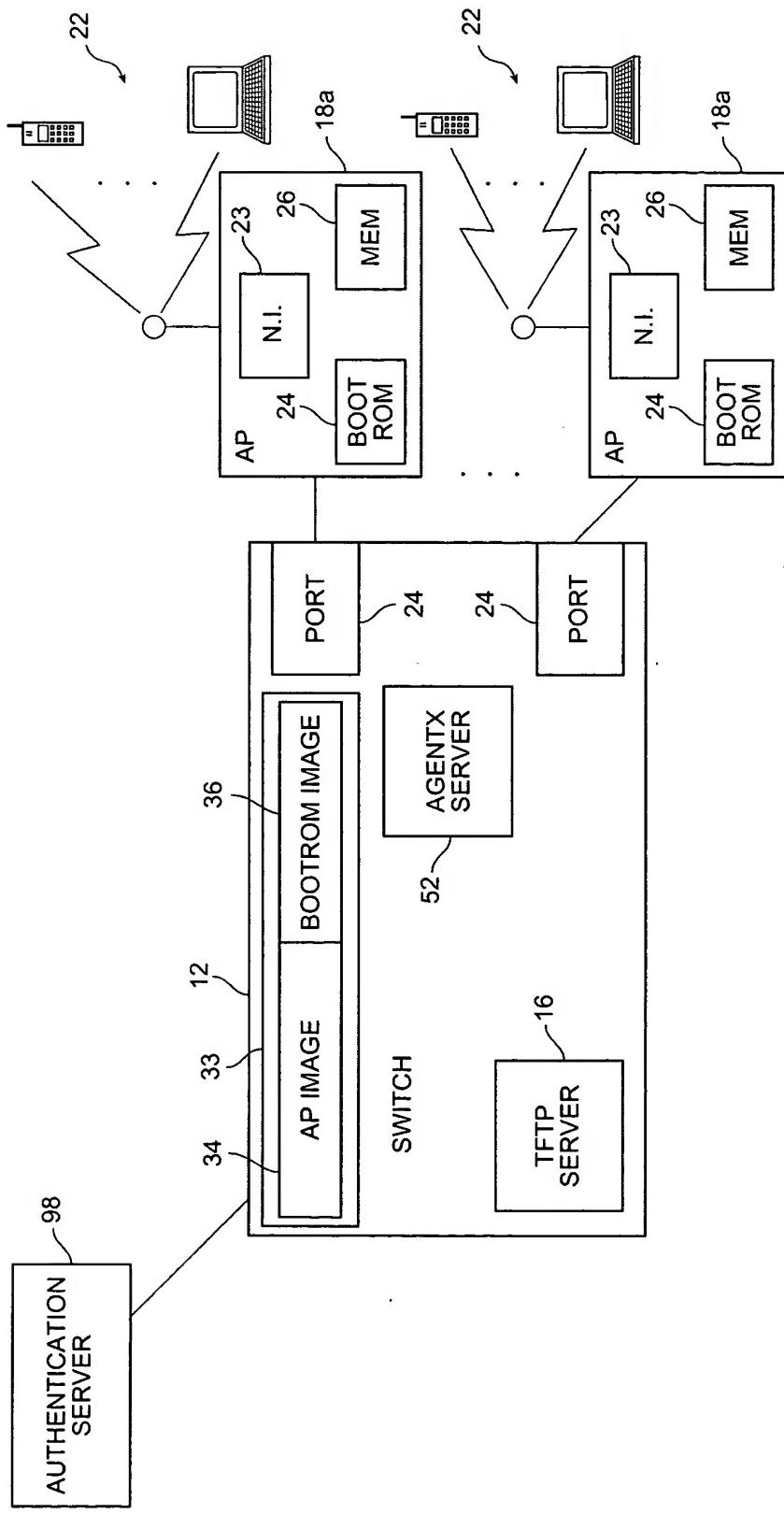


FIG. 9

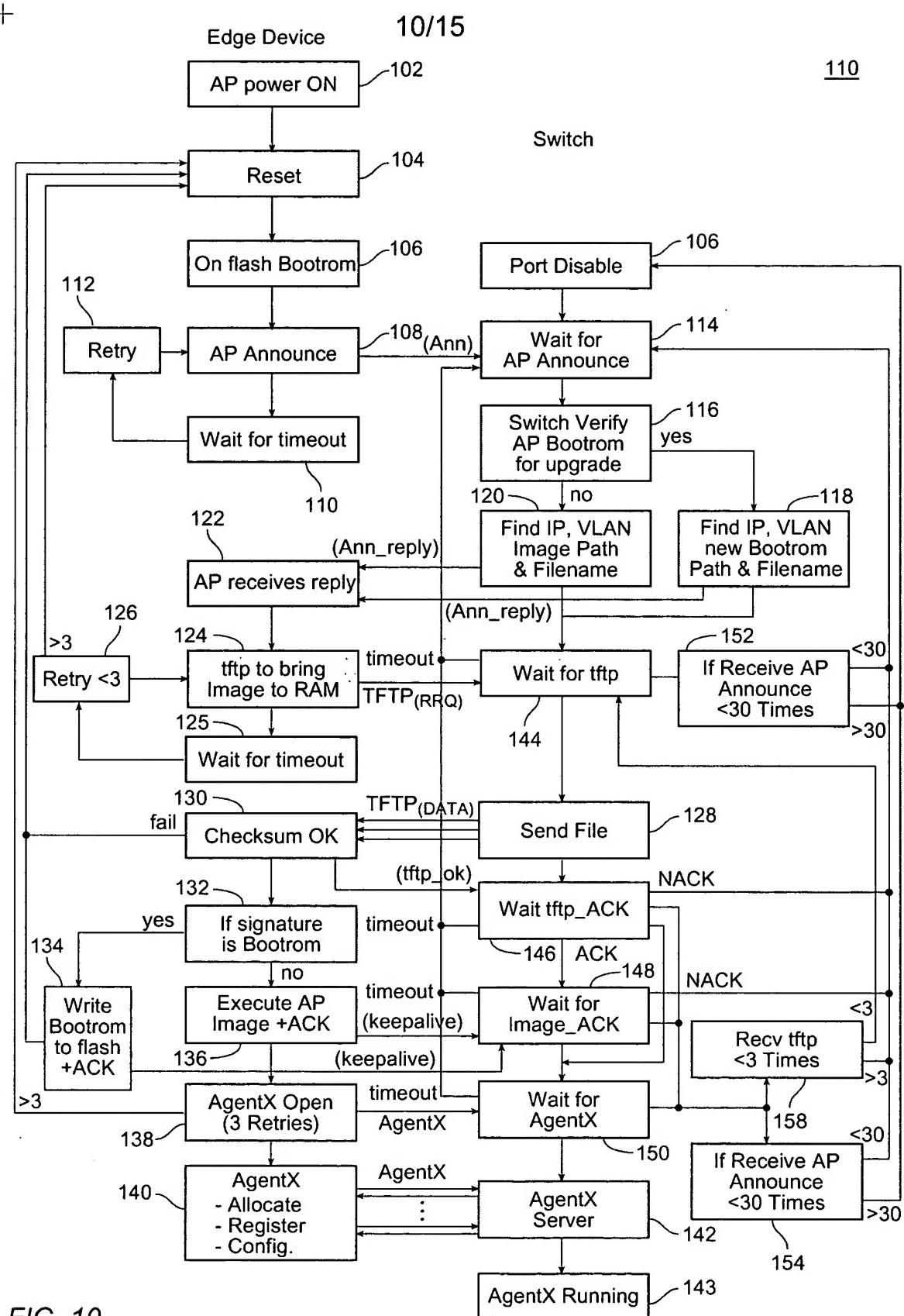


FIG. 10

11/15

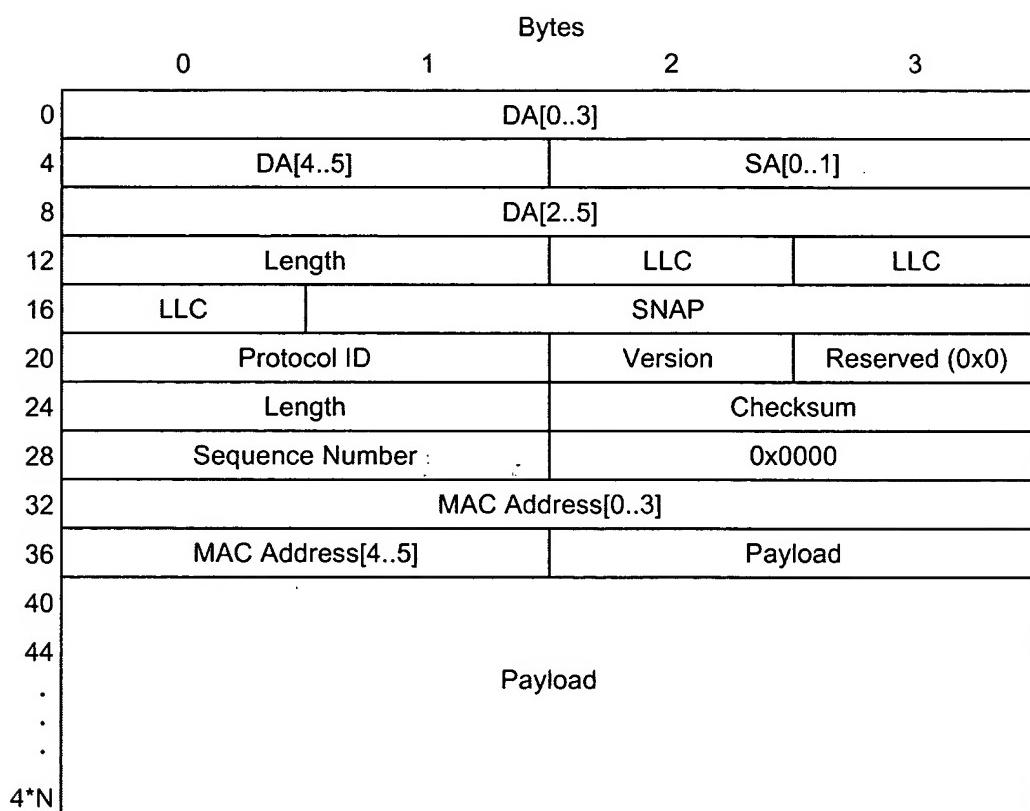


FIG. 11

12/15

Bytes			
0	1	2	3
0x99	AP_Announce	Length	
4	Hardware ID[0..3]		
8	Hardware ID[4..7]		
12	Hardware ID[8..11]		
16	Hardware ID[12..15]		
20	HW Major Rev.	HW Minor Rev.	HW Build#
24	Boot Major Rev.	Bootrom Minor Rev.	Bootrom Build#
28	Serial number[0..3]		
32	Serial number[4..7]		
36	Serial number[8..9]	AP Ethernet MAC[0..1]	
40	AP Ethernet MAC[2..5]		
44	HW_POST_STATUS		
48	HW_POST_OK		

FIG. 12

Bytes			
0	1	2	3
0x99	Announce_Reply	Length	
4	AP IP Address		
8	AP IP Mask	Use_VLAN_TAG	VLAN Tag
12	Default Gateway		
16	Switch IP Address		
20	AgentX Port	Physical SW Port if_index	
24	Keep-Alive Period	Image Type	Reserved
28	Boot URL		
32	Boot URL		
36	Boot URL		

FIG. 13

13/15

Bytes		
0	1	2
0x99	Renew_Config	Length
AP IP Address		
AP IP Mask	Use_VLAN_TAG	VLAN Tag
Default Gateway		
Switch IP Address		
AgentX Port		Physical SW Port index
Keep-Alive Period	Reserved 8	Reserved 16

FIG. 14

Bytes			
0	1	2	
0x99	TFTP_OK	Length	
Image Type	Status	Retry #	Reserved

FIG. 15

Bytes		
0	1	2
0x99	AP_Keep_Alive	Length

FIG. 16

Bytes		
0	1	2
0x99	AP_Reset	Length

FIG. 17

14/15

75

Wireless Port Configuration									
Port Number	Interface Number	Status	Channel	Tx Speed	Power	RF Profile	Security Profile		
1:2	1	Enabled	0	54	FULL	DEFAULT_A	Unsecure		
1:2	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure		
1:3	1	Enabled	0	54	FULL	DEFAULT_A	Unsecure		
1:3	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure		
1:4	1	Disabled	6	54	FULL	DEFAULT_A	Unsecure		
1:4	2	Enabled	0	11	FULL	DEFAULT_BG	dot1x-sec		
1:5	1	Enabled	0	54	FULL	DEFAULT_A	Unsecure		
1:5	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure		
1:5	1	Enabled	0	54	FULL	DEFAULT_A	Unsecure		
1:6	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure		
•									
•									
•									
1:48	2	Enabled	0	11	FULL	DEFAULT_BG	Unsecure		
Configure Wireless Interface Parameters									
Port Number	1.1	Interface Number	1	Get					
Channel	TxSpeed	Power	RF Profile	Security Profile					
0(AUTO)	54	FULL	DEFAULT_A	Unsecure					
Submit									
Manage Wireless Interface									
Port Number	Interface Number	Management Action							
1.1	1	<input type="radio"/> Enable	<input type="radio"/> Disable	<input type="radio"/> Reset					
Submit									

FIG. 18

Sheet 15 of 15

1

15/15

80

Client Management											
Port Number			1.1	<input type="button" value="▼"/>	Interface Number			1	<input type="button" value="▼"/>	<input type="button" value="Get"/>	
MAC	Wireless Port	Wireless Interface	State	Encryption Type	Auth Type	Auth Time	Signal Strength	ESS ID	VLAN ID	Bytes To	Bytes From
	1:1	1					0		0	0	0

Force Disassociation

- Configuration
- Statistics
- Event Log
- Wireless Event Log
- Wireless Port
- FDB
- IP ARP
- IP Configuration
- IP Route
- IP Statistics
- Ports
- Port Collisions
- Port Errors
- Port Utilization
- Spanning Tree
- Switch
- Wireless Interface
- Statistics Dot11
- Wireless Interface
- Statistics MIB2
- Client Management
- Support
- Logout

FIG. 19